

02-24-00

A

02/22/00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
REQUEST FOR FILING NEW UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)
(Case No. RA001C9)

jc511 U.S. PRO
09/510213



to the Assistant Commission for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. §1.53(b) is a new utility patent application for:

Title: INTEGRATED CIRCUIT I/O USING A
HIGH PERFORMANCE BUS INTERFACE

Inventors: Michael Farmwald
Mark Horowitz

This application is a **CONTINUATION APPLICATION** of:

Inventors: Michael Farmwald
Mark Horowitz

Ser. No.: 09/252,998

Art Unit: 2781

Filed: February 19, 1999

Examiner: T. Auve'

Title: METHOD OF OPERATING A MEMORY
HAVING A VARIABLE DATA OUTPUT
LENGTH

To effect the above-requested filing today:

1. Attached is a copy of the prior application as originally filed, including:
 - [X] Specification, Claims, and Abstract (125 pages)
 - [X] Drawings: 1 set of **formal** drawings having 14 sheets
 - [X] Original Declaration and Power of Attorney (2 pages)
2. Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
3. A Power of Attorney to Neil A. Steinberg, Reg. No. 34,735 is attached hereto and filed herewith. That Power of Attorney

09510213 022200

also revokes all other powers of attorney. Accordingly,
kindly address all future communications to:

Neil A. Steinberg, Esq.
Rambus Inc.
2465 Latham Street
Mountain View, California 94040

Telephone No. 650-944-7772
Facsimile No. 650-428-0914

4. The Examiner's attention is directed to both the second paragraph of guideline (2) in MPEP 609 and to the last paragraph of MPEP 2001.06(b) and to the submission in the prior application of the Information Disclosure Statements and document copies filed in Application Serial Nos. 09/252,998 and 08/979,127.
5. Attached is a **PRELIMINARY AMENDMENT** which, among other things, cancels claims 1-150, and adds new claims 151-179. This Preliminary Amendment is to be entered **BEFORE** fee calculation.

6. **FILING FEE**

(BASED ON THE NUMBER OF CLAIMS AS FILED AND CHANGED BY PRELIMINARY AMENDMENT)

Basic Fee \$ 690.00

Additional Fees:

Surcharge for more than 20 total claims (9 * \$18) \$ 162.00

Surcharge for more than 3 independent claims (0 * 78) \$ - 0 -

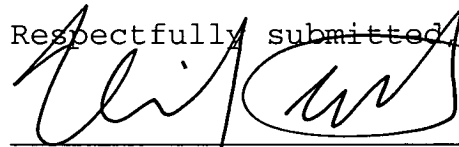
Surcharge for multiple dependent claims \$ - 0 -

Total Filing Fee \$ 852.00

7. Manner of Payment:

- [] A check payable to the Commissioner of Patents and Trademarks, in the amount of \$_____ is enclosed as payment of the Total Filing Fee..
- [xx] Please charge my Deposit Account No. 50-0998 in the amount of \$ 852.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- [xx] The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 50-0998. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Neil A. Steinberg
Reg. No. 34,735
650-944-7772

Date: February 22, 2000

0051021-02200

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EK100209499US

Date of Deposit: February 22, 2000

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Michiko Sites

(Typed or printed name of person mailing paper or fee)

Michiko Sites

(Signature of person mailing paper or fee)

Feb. 22, 2000

(Date signed)

Serial/Patent No.: Not Assigned Yet

Filing/Issue Date: Herewith

Title: Integrated Circuit I/O Using a High Performance Bus Interface

Atty. Docket No.: RA001C9

Date Mailed: February 22, 2000

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | |
|--|--|
| <input type="checkbox"/> Amendment/Response (pgs.) | <input type="checkbox"/> Petition for Extension of Time (month(s)) |
| <input checked="" type="checkbox"/> Preliminary Amendment (13 pgs.+3 pgs.) | <input type="checkbox"/> Information Disclosure Statement & PTO 1449 |
| <input type="checkbox"/> Application - Utility (pgs., with cover and abstract) | <input type="checkbox"/> Issue Fee Transmittal |
| <input checked="" type="checkbox"/> Application - Rule 1.53(b) Continuation (125 pgs.+1 pg.) | <input type="checkbox"/> Submission of Formal Drawings |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (pgs.) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (pgs.) | <input type="checkbox"/> Appeal Brief (pgs. in triplicate) |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA (pgs.) | <input type="checkbox"/> Reply Brief |
| <input type="checkbox"/> Application - PCT (pgs.) | <input type="checkbox"/> Response to Notice of Missing Parts |
| <input type="checkbox"/> Application - Provisional (pgs.) | <input type="checkbox"/> Transmittal Letter (in duplicate) |
| <input checked="" type="checkbox"/> Drawings (14 sheets) | <input checked="" type="checkbox"/> Fee Transmittal (in duplicate) |
| <input checked="" type="checkbox"/> Declaration & POA (2 pgs.) | <input checked="" type="checkbox"/> Itemized Postcard |
| <input type="checkbox"/> Assignment & Cover Sheet | <input type="checkbox"/> Certificate of Mailing |
| <input checked="" type="checkbox"/> Power of Attorney | <input checked="" type="checkbox"/> Express Mail No. EK100209499US |
| <input checked="" type="checkbox"/> Other Cross Reference Under 37 C.F.R. Sec.1.78 | |
| <u>Request to Approve Drawing Changes (3 pgs.)</u> | |

#1 1/2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. RA001C9)

In the Application of:)	
)	
FARMWALD ET AL.)	Group
)	Art Unit:
Serial No: Continuation of 09/252,998)	
)	Before
Filed: FEBRUARY 22, 2000)	Examiner:
)	
Title: INTEGRATED CIRCUIT I/O USING A)	
HIGH PERFORMANCE BUS INTERFACE)	

jc511 U.S. PTO
09/510213
02/22/00

Assistant Commissioner for Patents
Washington, DC 20231

**CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO
POTENTIALLY RELATED APPLICATIONS**

Dear Sir:

The above-identified application may be related to the following application:

Application Serial No. 09/492,982, filed on January 27, 2000 (still pending); which is a continuation of Application No. 09/252,997, filed on February 19, 1999 (still pending); which is a continuation of Application No. 09/196,199, filed on November 20, 1998 (still pending), which is a continuation of Application No. 08/798,520, filed on February 10, 1997 (now U.S. Patent 5,841,580); which is a division of Application No. 08/448,657, filed May 24, 1995 (now U.S. Patent 5,638,334); which is a division of Application No. 08/222,646, filed on March 31, 1994 (now U.S. Patent 5,513,327); which is a continuation of Application No. 07/954,945, filed on September 30, 1992 (now U.S. Patent 5,319,755); which is a continuation of Application No. 07/510,898, filed on April 18, 1990 (now abandoned).

Application No. 09/252,993, filed on February 19, 1999 (still pending); which is a continuation of Application No. 08/798,525, filed on February 10, 1997 (still pending); which is a divisional of Application Serial No. 08/710,574, filed on September 19, 1996 (now abandoned); which is a continuation of Application Serial No. 08/469,490 filed on June 6, 1995 (now abandoned); which is a continuation of Application Serial No. 07/847,961 filed on March 5, 1992 (now abandoned); which is a divisional of Application Serial No. 07/510,898 filed on April 18, 1990 (now abandoned).

Application No. 09/200,446, filed on November 27, 1998 (still pending); Application No. 08/979,127, filed November 26, 1997 (now U.S. Patent 5,915,105); which is a continuation of Application No. 08/762,139, filed December 9, 1996 (now U.S. Patent 5,809,263); which is a continuation of Application No. 08/607,780, filed February 27, 1996 (now abandoned); which is a continuation of Application No. 08/222,646, filed March 31, 1994 (now U.S. Patent 5,513,327); which is a continuation of Application No. 07/954,945, filed September 30, 1992 (now U.S. Patent 5,319,755); which is a continuation of Application Serial No. 07/510,898 filed April 18, 1990 (now abandoned).

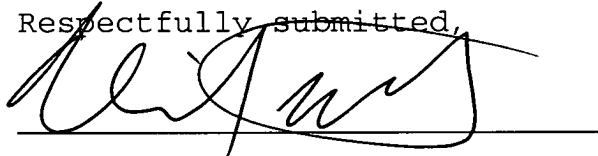
Application No. 09/161,090, filed on September 25, 1998 (Still pending); which is a continuation of Application No. 08/798,520, filed on February 10, 1997 (now U.S. Patent 5,841,580); which is a division of Application No. 08/448,657, filed May 24, 1995 (now U.S. Patent 5,638,334); which is a division of Application No. 08/222,646, filed on March 31, 1994 (now U.S. Patent 5,513,327); which is a continuation of Application No. 07/954,945, filed on September 30, 1992 (now U.S. Patent 5,319,755); which is a continuation of Application No. 07/510,898, filed on April 18, 1990 (now abandoned).

Application No. 09/263,224 filed on March 5, 1999 (still pending); which is a continuation of Application No. 08/979,127, filed November 26, 1997 (now U.S. Patent 5,915,105); which is a continuation of Application No. 08/762,139, filed December 9, 1996 (now U.S. Patent 5,809,263); which is a continuation of Application No. 08/607,780, filed February 27, 1996 (now abandoned); which is a continuation of Application No. 08/222,646, filed March 31, 1994 (now U.S. Patent 5,513,327); which is a continuation of Application No. 07/954,945, filed September 30, 1992 (now U.S. Patent 5,319,755); which is a continuation of Application Serial No. 07/510,898 filed April 18, 1990 (now abandoned).

All of these applications are assigned to the same assignee as the present application.

Date: February 22, 2000

Respectfully submitted,



Neil A. Steinberg
Reg. No. 34,735
650-944-7772

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. RA001C9)

In the Application of:)	
)	
FARMWALD ET AL.)	Group
)	Art Unit:
Serial No: Continuation of 09/252,998)	
)	Before
Filed: FEBRUARY 22, 2000)	Examiner:
)	
Title: INTEGRATED CIRCUIT I/O USING A)		
HIGH PERFORMANCE BUS INTERFACE)		

Assistant Commissioner for Patents
Washington, DC 20231

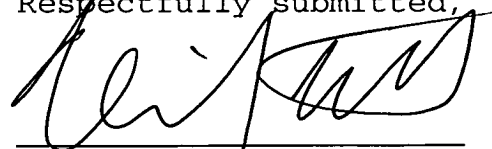
REQUEST TO APPROVE DRAWING CHANGES

Dear Sir:

Applicants seek to amend Figure 10 to more fully reflect the discussion in the specification, specifically, page 55, line 12-16 and page 58, lines 13-23. Attached is a photocopy of Figure 10 with the proposed changes indicated in red. No new matter has been added.

Applicants respectfully request approval of the proposed changes. A new Figure 10 which incorporates the changes is also attached to hereto.

Respectfully submitted,



Neil A. Steinberg
Reg. No. 34,735
650-944-7772

Date: February 22, 2000

002220" ET 20T 560